

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060219.D
 Acq On : 3 Jan 2024 8:40
 Operator : MA/JU
 Sample : 05909-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 14:41:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

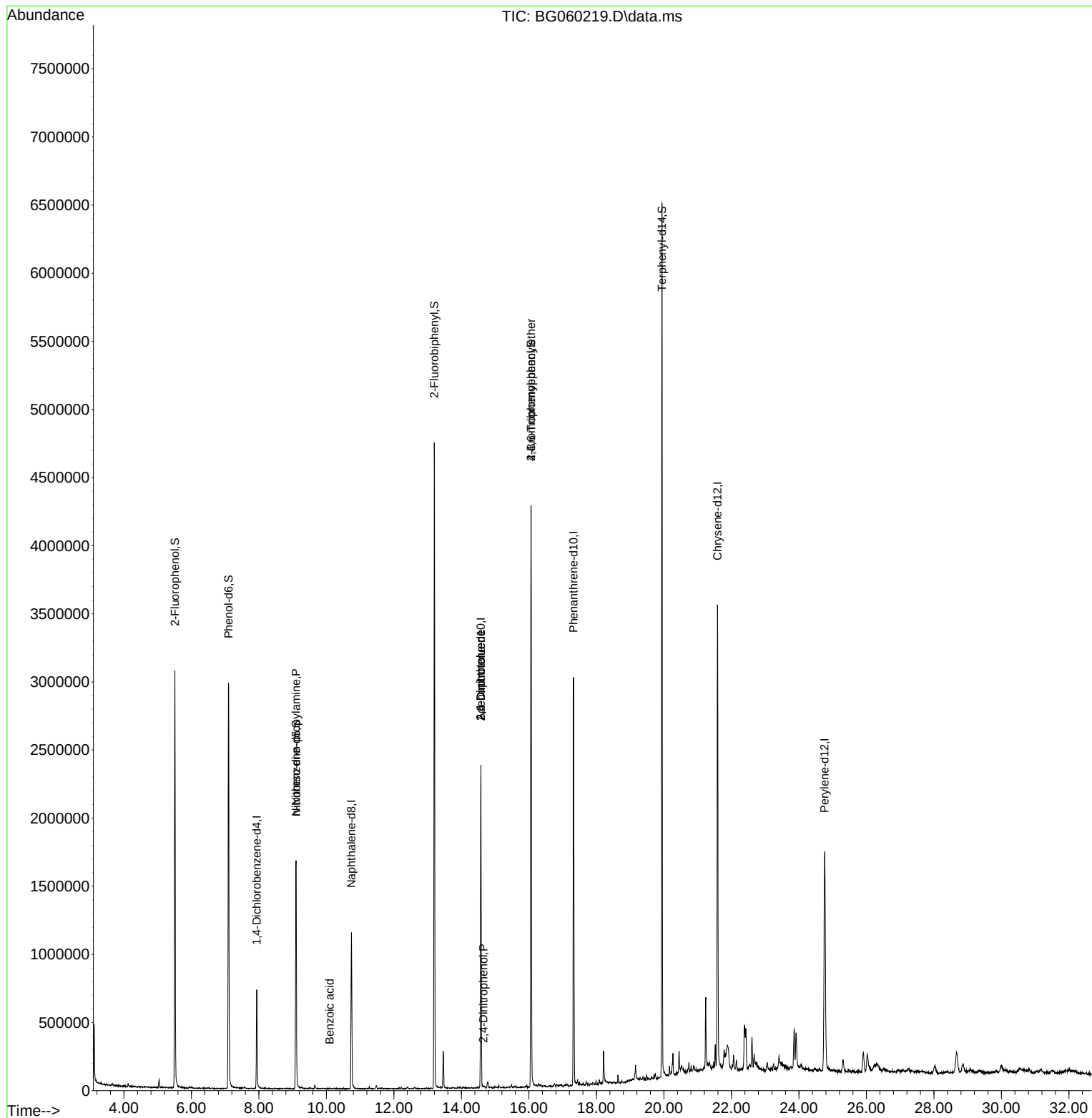
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	220271	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	1023101	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	825948	20.000	ng	0.00
64) Phenanthrene-d10	17.320	188	1989750	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1609101	20.000	ng	0.00
86) Perylene-d12	24.759	264	1791469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1431013	98.056	ng	0.00
7) Phenol-d6	7.097	99	1996869	92.155	ng	0.00
23) Nitrobenzene-d5	9.101	82	1150888	51.959	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	887407	80.263	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	2660749	46.299	ng	0.00
79) Terphenyl-d14	19.941	244	3137260	37.483	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.101	70	136971	9.253	ng	# 82
32) Benzoic acid	10.093	122	268	10.291	ng	# 1
51) 2,6-Dinitrotoluene	14.576	165	111458	8.403	ng	# 30
54) 2,4-Dinitrophenol	14.653	184	58	8.243	ng	# 25
57) 2,4-Dinitrotoluene	14.576	165	111458	6.180	ng	# 27
67) 4-Bromophenyl-phenylether	16.063	248	51362	2.435	ng	# 1

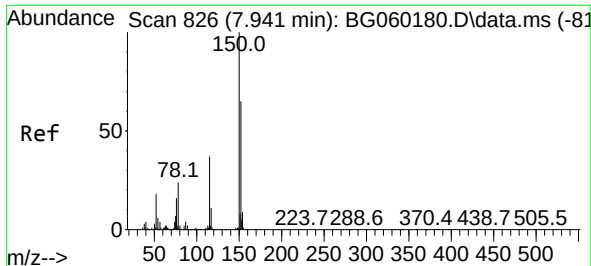
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
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BNA_G
ClientSampleId :

Quant Time: Jan 03 14:41:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

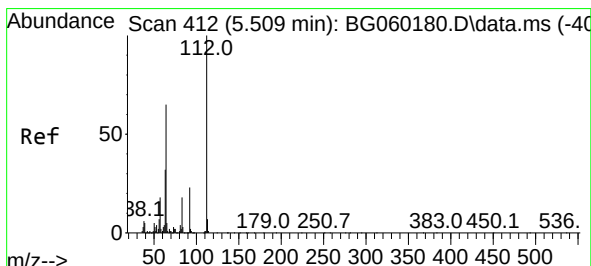
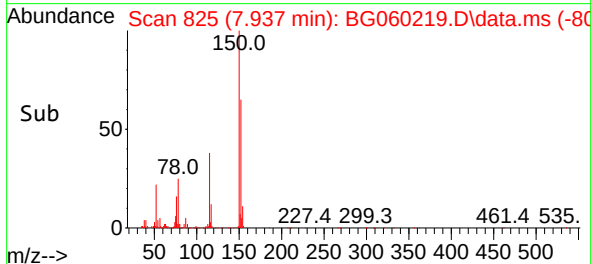
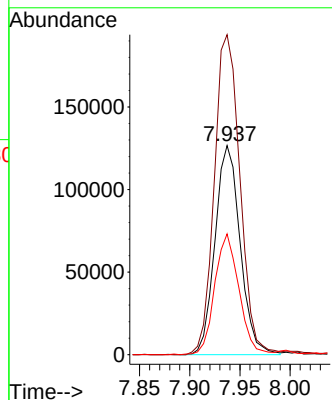
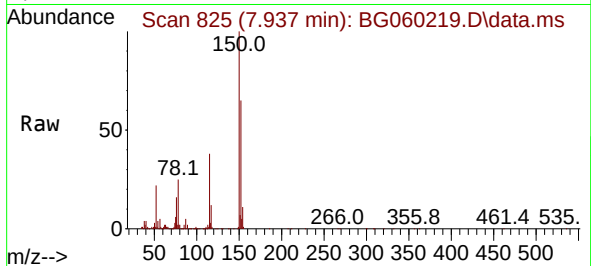




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

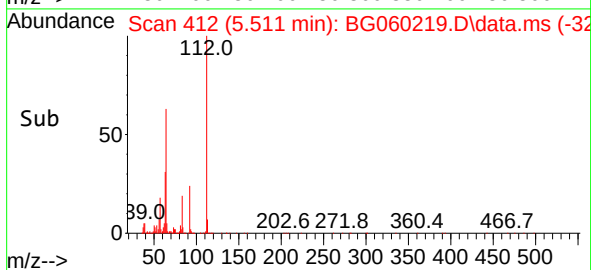
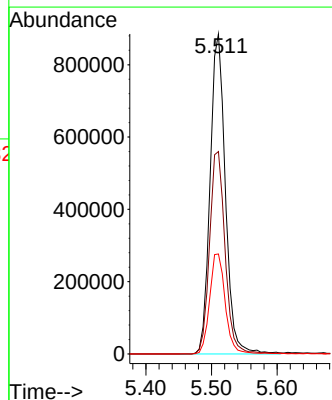
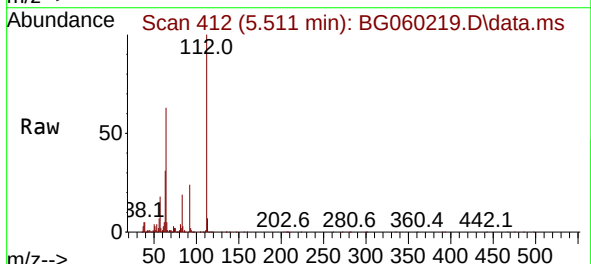
Instrument :
BNA_G
ClientSampleId :

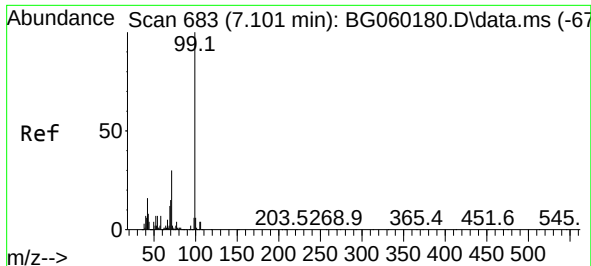
Tgt Ion:152 Resp: 220271
Ion Ratio Lower Upper
152 100
150 153.0 123.4 185.0
115 57.7 45.4 68.0



#5
2-Fluorophenol
Concen: 98.056 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Tgt Ion:112 Resp: 1431013
Ion Ratio Lower Upper
112 100
64 63.3 52.2 78.4
63 31.3 25.4 38.0

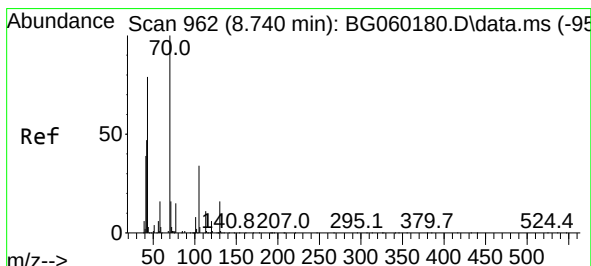
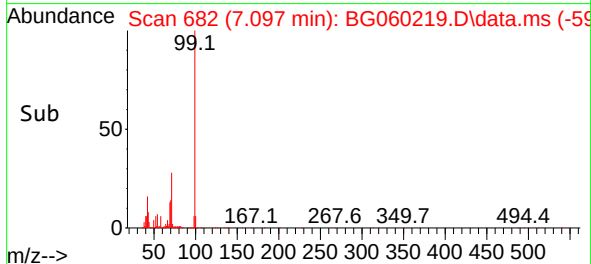
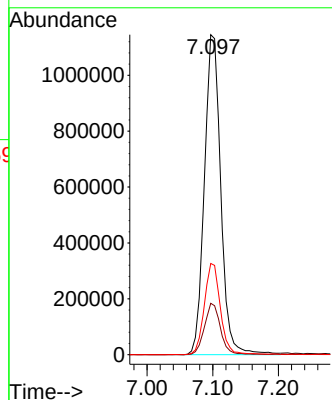
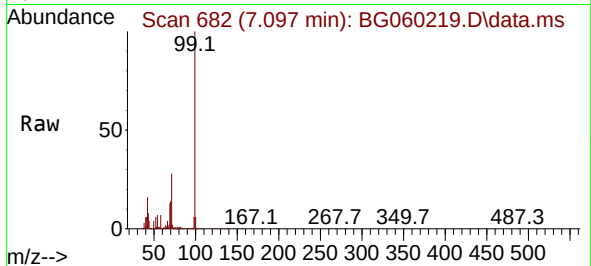




#7
Phenol-d6
Concen: 92.155 ng
RT: 7.097 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

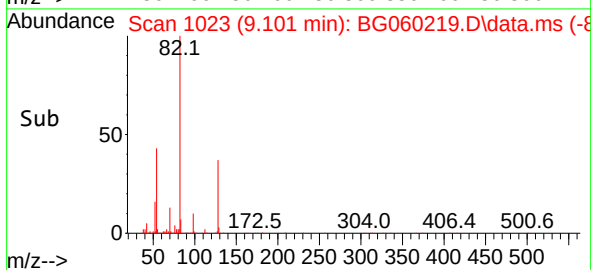
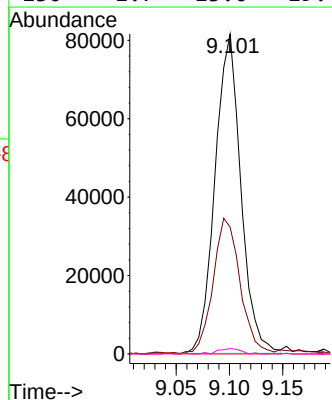
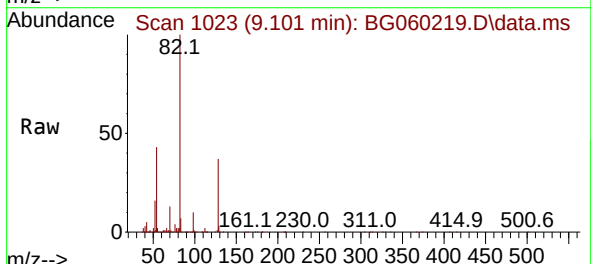
Instrument :
BNA_G
ClientSampleId :

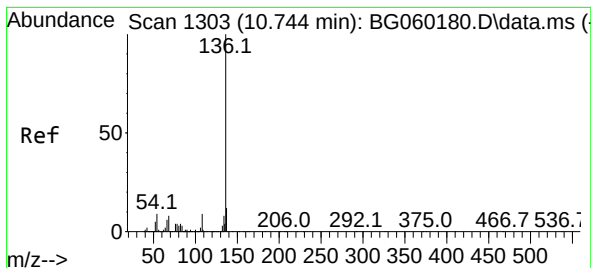
Tgt Ion: 99 Resp: 1996869
Ion Ratio Lower Upper
99 100
42 16.1 12.5 18.7
71 28.5 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.253 ng
RT: 9.101 min Scan# 1023
Delta R.T. 0.360 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

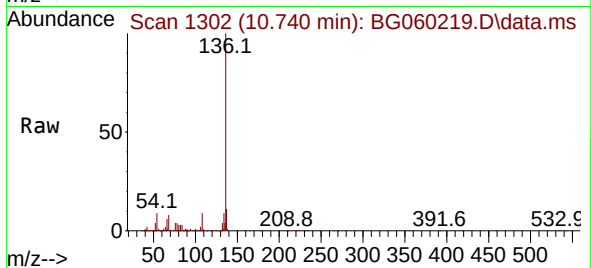
Tgt Ion: 70 Resp: 136971
Ion Ratio Lower Upper
70 100
42 39.6 37.9 56.9
101 0.0 6.2 9.2#
130 1.7 13.0 19.4#



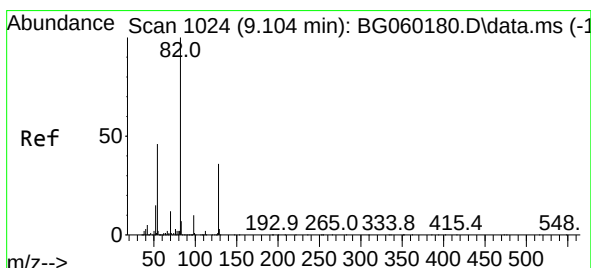
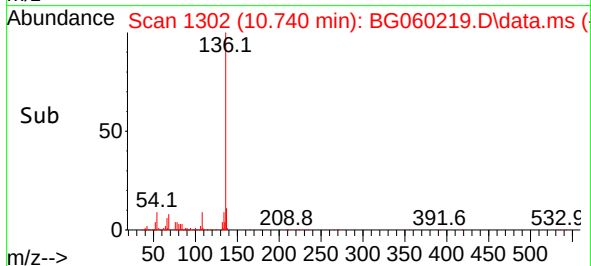
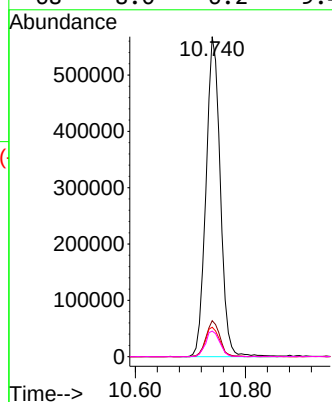


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Instrument :
BNA_G
ClientSampleId :

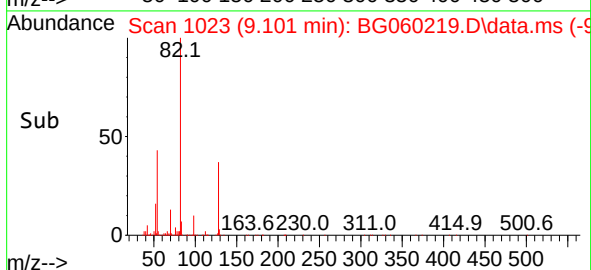
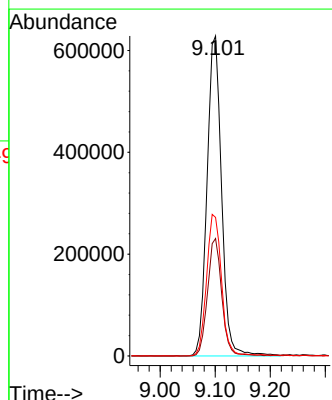
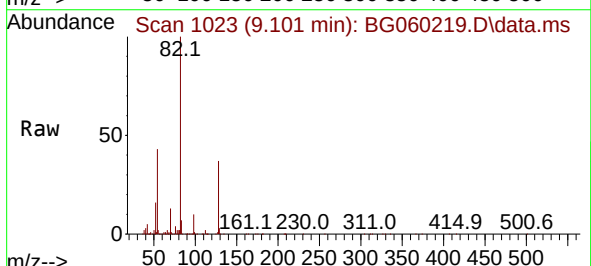


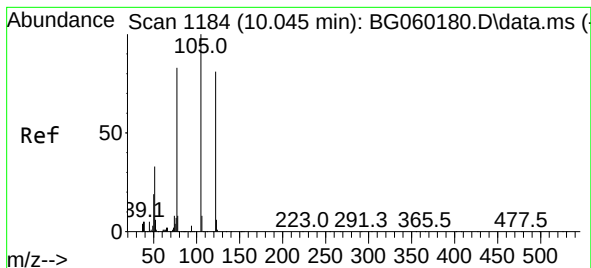
Tgt Ion:136 Resp: 1023101
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 9.2 7.4 11.2
68 8.0 6.2 9.4



#23
Nitrobenzene-d5
Concen: 51.959 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Tgt Ion: 82 Resp: 1150888
Ion Ratio Lower Upper
82 100
128 36.7 28.7 43.1
54 43.3 36.9 55.3

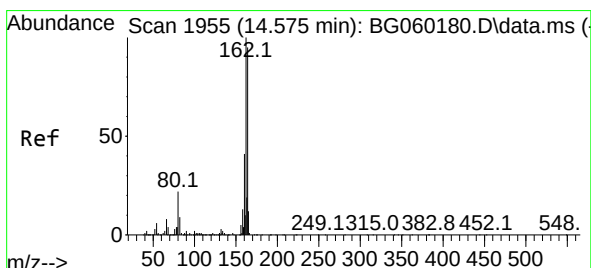
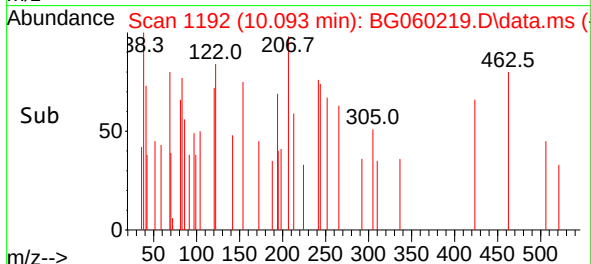
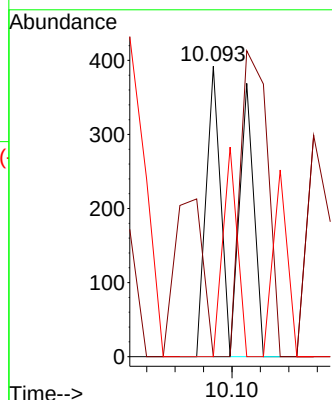
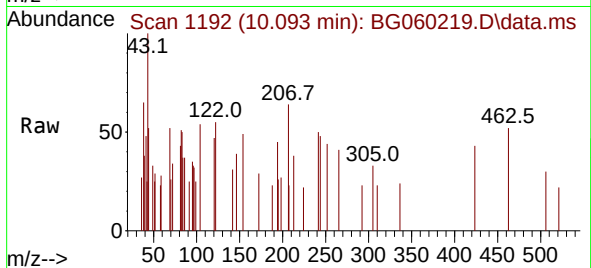




#32
Benzoic acid
Concen: 10.291 ng
RT: 10.093 min Scan# 1184
Delta R.T. 0.048 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

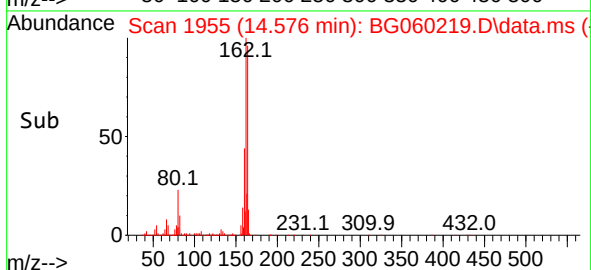
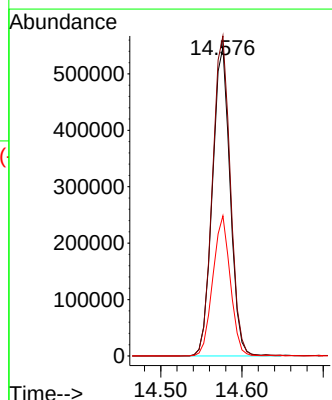
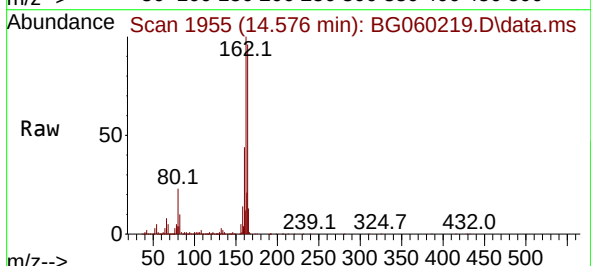
Instrument :
BNA_G
ClientSampleId :

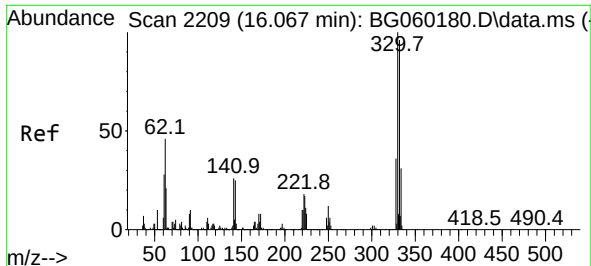
Tgt Ion:122 Resp: 268
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.002 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Tgt Ion:164 Resp: 825948
Ion Ratio Lower Upper
164 100
162 103.7 83.9 125.9
160 45.4 34.2 51.4

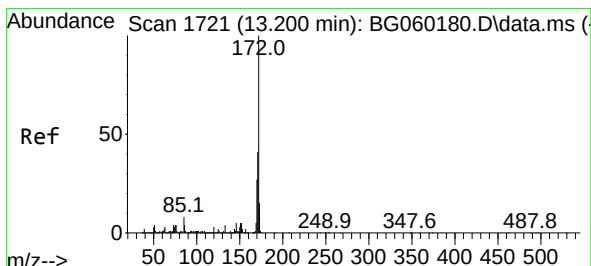
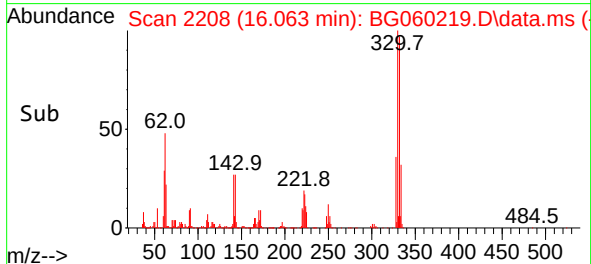
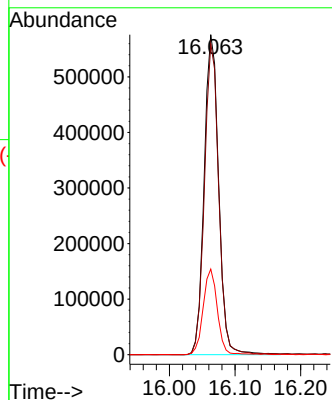
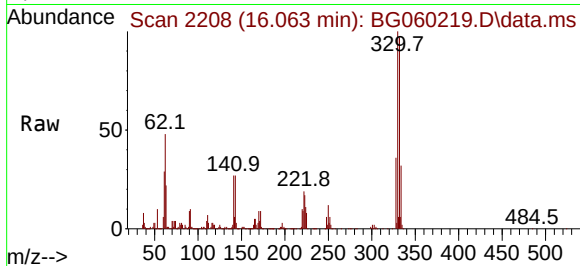




#42
2,4,6-Tribromophenol
Concen: 80.263 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

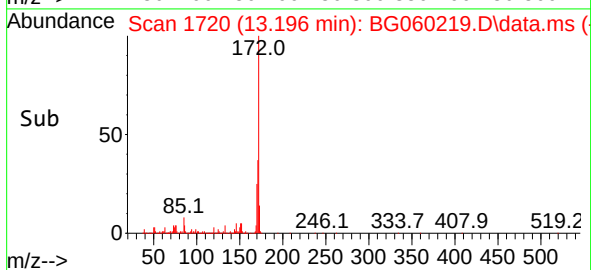
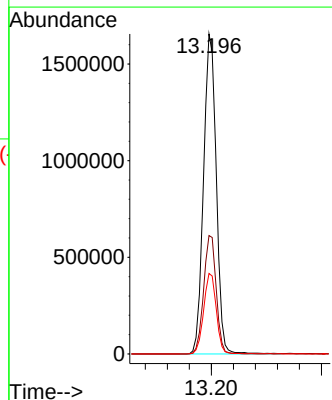
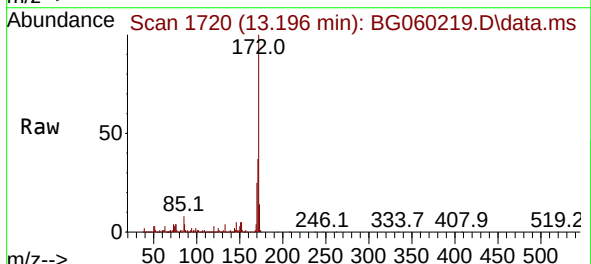
Instrument :
BNA_G
ClientSampleId :

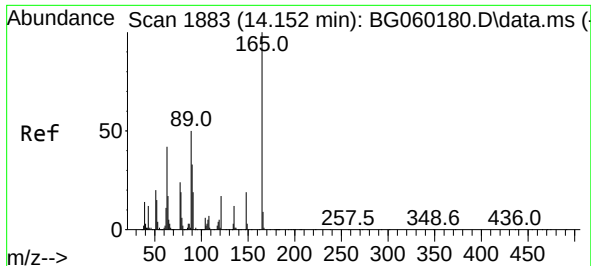
Tgt Ion:330 Resp: 887407
Ion Ratio Lower Upper
330 100
332 95.5 76.7 115.1
141 26.3 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 46.299 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

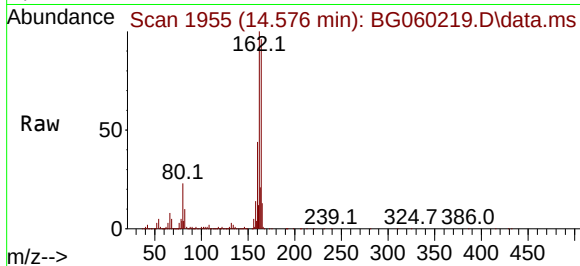
Tgt Ion:172 Resp: 2660749
Ion Ratio Lower Upper
172 100
171 37.0 32.6 48.8
170 25.2 21.8 32.6



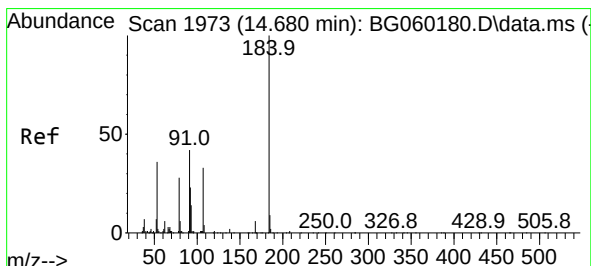
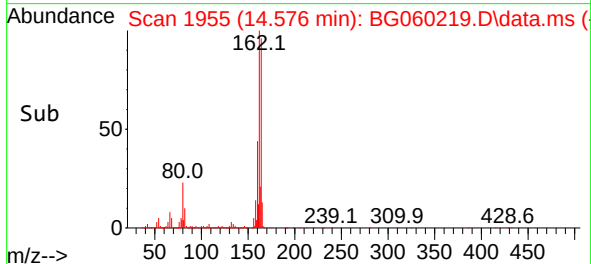
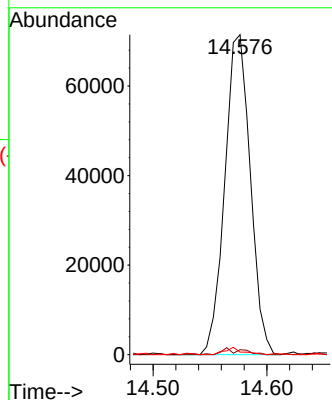


#51
2,6-Dinitrotoluene
Concen: 8.403 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.425 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Instrument :
BNA_G
ClientSampleId :

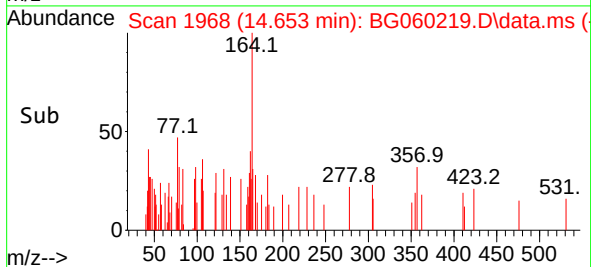
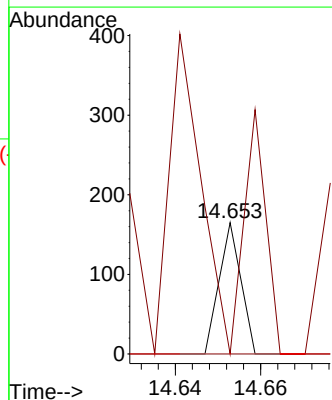
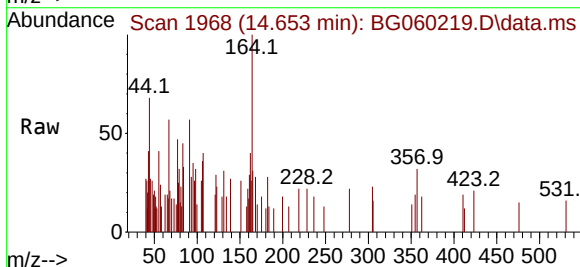


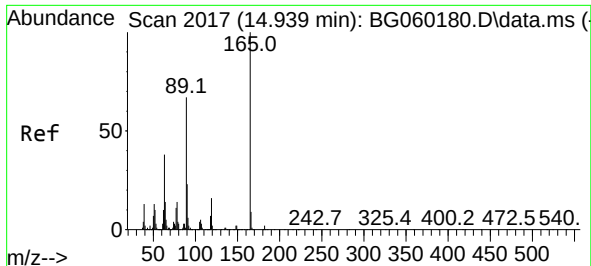
Tgt Ion:165 Resp: 111458
Ion Ratio Lower Upper
165 100
63 1.5 39.3 58.9#
89 0.8 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.243 ng
RT: 14.653 min Scan# 1968
Delta R.T. -0.027 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#





#57

2,4-Dinitrotoluene

Concen: 6.180 ng

RT: 14.576 min Scan# 1955

Delta R.T. -0.362 min

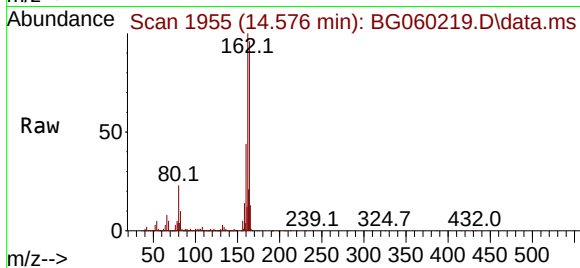
Lab File: BG060219.D

Acq: 3 Jan 2024 8:40

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 111458

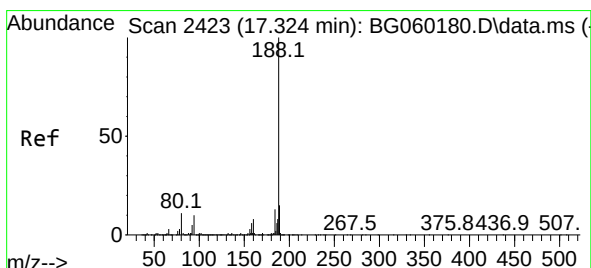
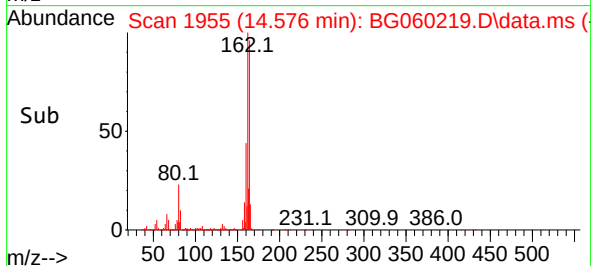
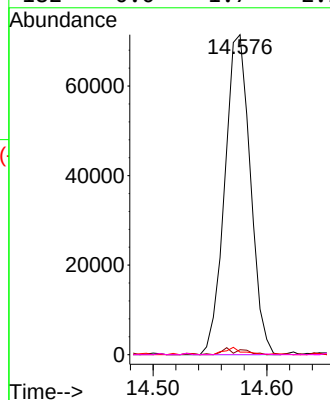
Ion Ratio Lower Upper

165 100

63 1.5 31.0 46.6#

89 0.8 53.3 79.9#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.320 min Scan# 2422

Delta R.T. -0.004 min

Lab File: BG060219.D

Acq: 3 Jan 2024 8:40

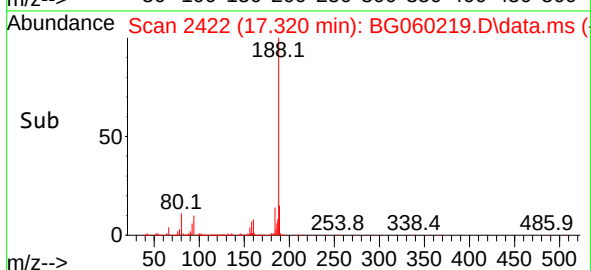
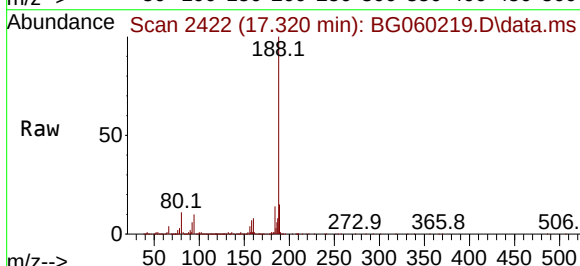
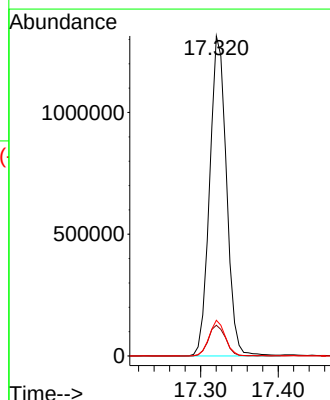
Tgt Ion:188 Resp: 1989750

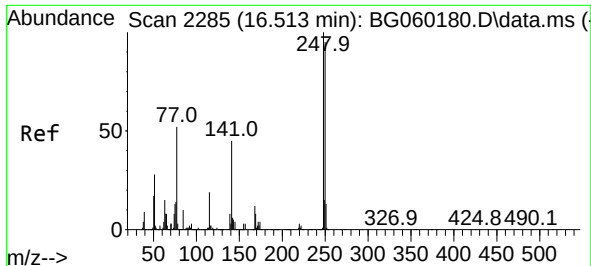
Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

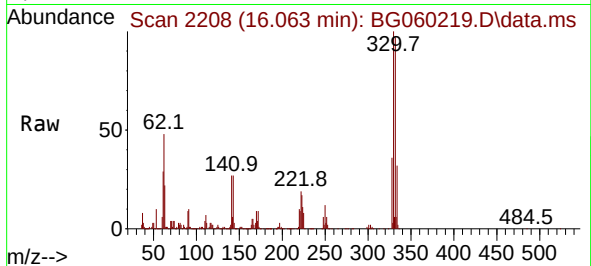
80 11.1 8.6 13.0



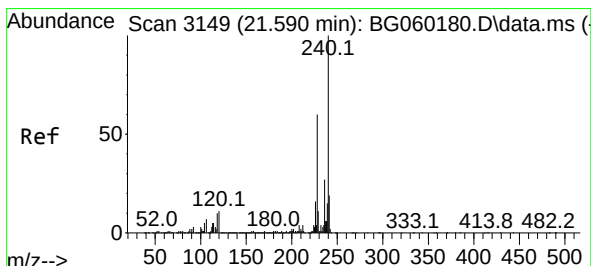
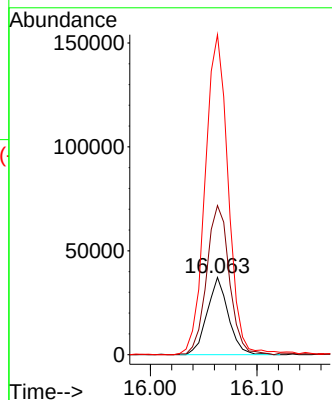
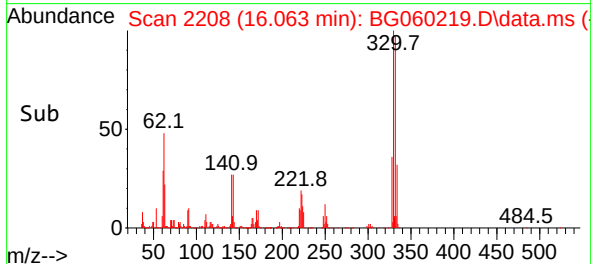


#67
4-Bromophenyl-phenylether
Concen: 2.435 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Instrument :
BNA_G
ClientSampleId :

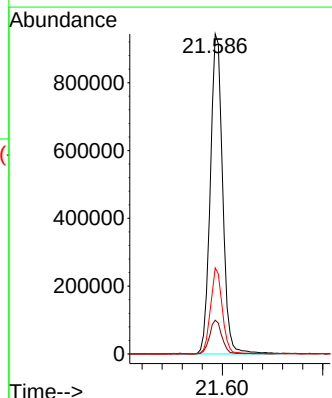
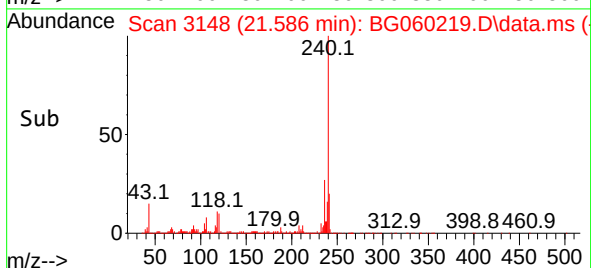
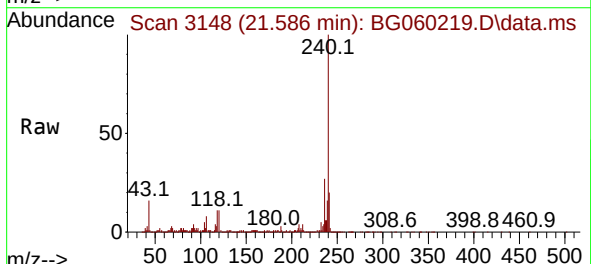


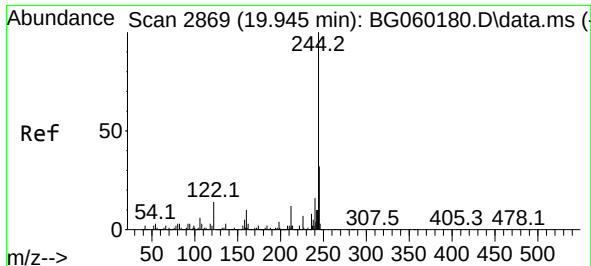
Tgt Ion:248 Resp: 51362
Ion Ratio Lower Upper
248 100
250 193.1 76.2 114.4#
141 414.1 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Tgt Ion:240 Resp: 1609101
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 26.9 21.4 32.2

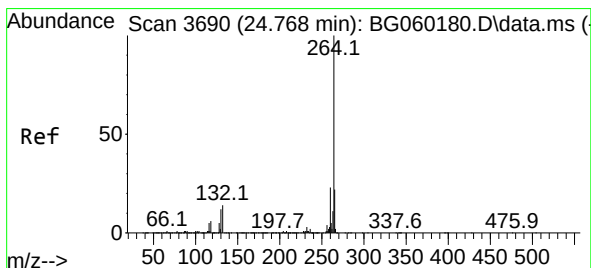
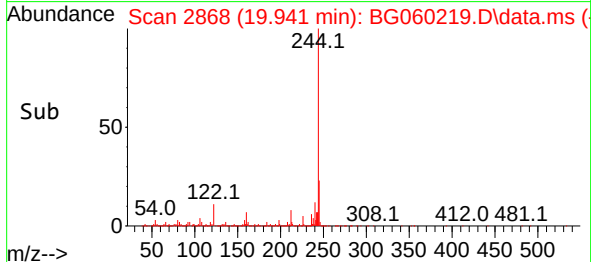
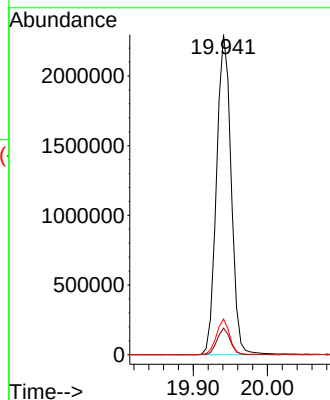
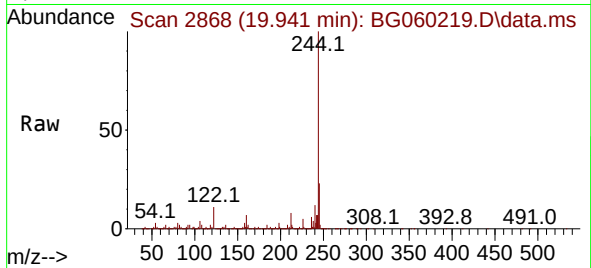




#79
 Terphenyl-d14
 Concen: 37.483 ng
 RT: 19.941 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060219.D
 Acq: 3 Jan 2024 8:40

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:244 Resp: 3137260
 Ion Ratio Lower Upper
 244 100
 212 8.3 9.5 14.3#
 122 11.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.759 min Scan# 3688
 Delta R.T. -0.010 min
 Lab File: BG060219.D
 Acq: 3 Jan 2024 8:40

Tgt Ion:264 Resp: 1791469
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.0 27.0
 265 20.6 17.4 26.0

